

AMENDMENTS TO THE CLAIMS

1. (Currently Amended) A laminate ~~to be served~~ for use as a seal film for sealing ~~the~~ an electrolyte of a battery such as a secondary battery or as ~~protection~~ a protective film for protecting ~~the~~ an electrode ~~part~~ of a battery, comprising

a metal layer,

a surface-treated layer formed over ~~the~~ a surface of the metal layer by chemical or oxidative treatment of the metal, and a layer of an adhesive resin comprised of a polyolefin modified by a carboxyl group or a derivative thereof ~~group derived therefrom~~, formed over the said surface-treated layer.

2. (Currently Amended) A laminate ~~to be served~~ for use as a seal film for sealing ~~the~~ an electrolyte of a battery or as ~~protection~~ a protective film for protecting ~~the~~ an electrode ~~part~~ of a battery, comprising

a metal layer,

a surface-treated layer formed over ~~the~~ a surface of the metal layer,

a layer of a primer coating formed over the said surface-treated layer and

a layer of an adhesive resin comprised of a polyolefin modified by a carboxyl group or a derivative thereof ~~group derived therefrom~~, formed over the said surface-treated layer.

3. (Cancelled)

4. (Currently Amended) A laminate ~~to be served~~ for use as a seal film for sealing ~~the~~ an electrolyte of a secondary battery or as ~~protection~~ a protective film for protecting ~~the~~ an electrode ~~part~~ of a secondary battery, comprising

a metal layer,

a surface-treated layer formed over ~~the~~ a surface of the metal layer,

a layer of a primer coating formed over the said surface-treated layer and

a layer of an adhesive resin comprised of a polyolefin modified by a carboxyl group or a derivative thereof ~~group derived therefrom~~, formed over the said surface-treated layer.

5. (Currently Amended) The laminate as claimed in claim 1, wherein the metal layer is ~~constituted~~ comprised of one or more metals selected from the group consisting of aluminum, nickel, copper, iron and alloys thereof ~~of them~~.

6. (Cancelled)

7. (Currently Amended) The laminate as claimed in claim 1, wherein the primer coating layer is ~~that of~~ a thermosetting type based on epoxy, urethane, epoxy- urethane, imino, titanate, polyester or silane.

8. (Previously Presented) The laminate as claimed in claim 1, wherein the adhesive resin is a graft-modified polyolefin resin obtained by graft-copolymerizing a polyolefin resin with an ethylenically unsaturated carboxylic acid.

9. (Currently Amended) The laminate as claimed in claim 8, wherein the graft-modified polyolefin resin is a graft-modified polyethylene resin or a ~~gradft-modified~~ graft-modified polypropylene resin.

10. (Original) A process for producing a laminate to be served as seal film for sealing the electrolyte of battery or as protection film for protecting the electrode part of battery, comprising

forming a surface-treated layer over the surface of a metal layer and

laminating on the surface-treated layer a layer

of an adhesive resin of a polyolefin resin modified by carboxyl group or a group derived therefrom.

11. (Original) A process for producing a laminate to be served as seal film for sealing the electrolyte of battery or as protection film for protecting the electrode part of battery, comprising

forming a surface-treated layer over the surface of a metal layer,

forming a primer coating layer over the said surface-treated layer and

laminating on the primer coating layer a layer of an adhesive resin of a polyolefin resin modified by carboxyl group or a group derived therefrom.

12. (Original) A process for producing a laminate to be served as seal film for sealing the electrolyte of secondary battery or as protection film for protecting the electrode part of secondary battery, comprising

forming a surface-treated layer over the surface of a metal layer and

laminating on the surface-treated layer a layer of an adhesive resin of a polyolefin resin modified by carboxyl group or a group derived therefrom.

13. (Original) A process for producing a laminate to be served as seal film for sealing the electrolyte of secondary battery or as protection film for protecting the electrode part of secondary battery, comprising

forming a surface-treated layer over the surface of a metal layer,

forming a primer coating layer over the said surface-treated layer and

laminating on the primer coating layer a layer of an adhesive resin of a polyolefin resin modified by carboxyl group or a group derived therefrom.

14. (Currently Amended) A seal film for sealing ~~the~~ an electrolyte of a battery or a ~~protection~~ protective film for protecting ~~the~~ an electrode ~~part~~ of a battery, which film is made from the laminate as claimed in claim 1.

15. (Previously Presented) A battery comprising a seal film for sealing the electrolyte of battery or a protection film for protecting the electrode part of battery, which film is made from the laminate of claim 1.

16. (Currently Amended) A seal film for ~~of~~ sealing ~~the~~ an electrolyte of a secondary battery or a ~~protection~~ protective film for protecting ~~the~~ an electrode ~~part~~ of a secondary battery, which film is made from the laminate as claimed in claim 3.

17. (Previously Presented) A secondary battery comprising a seal film for sealing the electrolyte of secondary battery or a protection film for protecting the electrode part of secondary battery, which film is made from the laminate as claimed in claim 3.

18. (Original) A flexible package made from a laminate comprising

a metal layer,

a surface-treated layer formed over the surface of the metal layer and

a layer of an adhesive resin of a polyolefin modified by carboxyl group or a group derived therefrom, formed over the said surface-treated layer.

19. (Original) A flexible package made from a laminate comprising

a metal layer,

a surface-treated layer formed over the surface of the metal

layer,

a layer of a primer coating formed over the said surface-treated layer and

a layer of an adhesive resin of a polyolefin modified by carboxyl group or a group derived therefrom, formed over the said surface-treated layer.

20. (Previously Presented) The flexible package as claimed in claim 18, wherein the metal layer is constituted of one or more metals selected from the group consisting of aluminum, nickel, copper, iron and alloys of them.

21. (Previously Presented) The flexible package as claimed in claim 18, wherein the surface-treated layer is constituted of a chemically treated layer.

22. (Previously Presented) The flexible package as claimed in claim 18, wherein the primer coating layer is that of thermosetting type based on epoxy, urethane, epoxy-urethane, imino, titanate, polyester or silane.

23. (Previously Presented) The flexible package as claimed in claim 18, wherein the adhesive resin is a graft-modified polyolefin

resin obtained by graft-copolymerizing a polyolefin resin with an ethylenically unsaturated carboxylic acid.

24. (Currently Amended) The flexible package as claimed in claim 23, wherein the graft-modified polyolefin resin is a graft-modified polyethylene resin or a ~~graft-modified~~ graft-modified polypropylene resin.

25. (New) The laminate as claimed in claim 1, wherein said chemical treatment comprises treatment with an acid.

26. (New) The laminate as claimed in claim 25, wherein said acid is selected from the group consisting of chromic acid, phosphoric acid, and mixtures thereof.

27. (New) The laminate as claimed in claim 1, wherein said oxidative treatment comprises anodic oxidation.

28. (New) The laminate as claimed in claim 2, wherein said layer is surface treated by chemical or oxidative treatment of the metal.



29. (New) The laminate as claimed in claim 4, wherein said layer is surface treated by chemical or oxidative treatment of the metal.